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<222> (7)..(7)
<223> Xaa = homocysteine
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X-16438.ST25.txt
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 <210> 188
<211> 7
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 <220>
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<223> AMIDATION
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1 5
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<211> 7
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 <220>
<223> Synthetic construct
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Arg Cys His Phe Arg Trp Xaa 5
<210> 191
<211> 7
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<213> Artificial
<220>
<223> Synthetic construct
<220>
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X-16438.ST25.txt
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<223> ACETYLATION
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         192
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<220>
<221>
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<222>
        (9)..(9)
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<210> 193
<211> 6
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<220>
<221> DISULFID <222> (1)..(6)
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<222>
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<222> (1)..(1)
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<220>
<221>
<222>
<223>
        MOD_RES
        (3)..(3)
        D form
<220>
<221>
<222>
        MOD_RES
        (6)..(6)
<223>
       AMIDATION
<220>
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<223>
        MISC_FEATURE
        (6)..(6)
       Xaa = homocysteine
<400>
        193
Xaa His Phe Arg Trp Xaa
<210>
        194
<211> 7
<212> PRT
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<220>
       Synthetic construct
<220>
<221>
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<222>
       (2)..(7)
<220>
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X-16438.ST25.txt
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<221>
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<220>
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         (7)..(7)
<223>
        AMIDATION
<220>
<221>
         MISC_FEATURE
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<400> 194
Arg Xaa His Phe Arg Trp Xaa
1 5
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<211> 7
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<220>
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<222>
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<220>
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        MOD_RES
         (7)..(7)
<223>
        AMIDATION
<220>
       MISC_FEATURE
<221>
<222> (7)..(7)
<223> Xaa = homocysteine
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X-16438.ST25.txt <400> 195 Arg Xaa His Phe Arg Trp Xaa 1 5 <210> 196 <211> 8 <212> PRT <213> Artificial <220> <223> Synthetic construct <220> <221> MOD_RES <222> (1)..(1) (1)..(1)<223> ACETYLATION <220> <221> DISULFID <222> (3)..(8) <220> <221> MISC_FEATURE <222> (3)..(3) <222> (3)..(3) <223> Xaa = homocysteine <220> <221> MOD_RES <222> (5)..(5) <223> D form <220> <221> MOD_RES <222> (8)..(8) <223> AMIDATION <220> <221> MISC_FEATURE <222> (8)..(8) <223> Xaa = homocysteine <400> 196 Tyr Arg Xaa His Phe Arg Trp Xaa 5 <210> 197 <211> 9 <212> PRT <213> Artificial <220> <223> Synthetic construct <220>

<221> MOD_RES <222> (1)..(1) <223> ACETYLATION

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<221> DISULFID
<222> (3)..(9)
<220>
<221> MISC_FEATURE <222> (3) (3)
<222> (3)..(3)
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<220>
<221> MOD_RES
<222> (6)..(6)
<223> D form
<220>
<221>
         MOD_RES
<222> (9).(9)
<223> AMIDATION
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Tyr Arg Xaa Glu His Phe Arg Trp Xaa
1 5
<210> 198
<211> 6
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<221>
<222>
          MOD_RES
          (1)..(1)
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<223> D form
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<221> MOD_RES <222> (6)..(6)
          (6)..(6)
 <223> AMIDATION
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 Cys His Phe Arg Trp Cys
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X-16438.ST25.txt 1 5 <210> 199 <211> 9 <212> PRT <213> **Artificial** <220> <223> Synthetic construct <220> <221> <222> MISC_FEATURE (1)..(1)<223> Xaa = Arg, Tyr-Arg, Tyr-beta-Arg, or is absent <220> <221> <222> MISC_FEATURE (1)..(1)<223> Xaa = a modified amino acid including Arg, citrulline, homoarginine, Leu, Lys, N-isopropyl-Lys, norleucine, ornithine, <220> <221> MISC_FEATURE <222> (1)..(1)Xaa = a modified group including Tyr-Arg, Tyr-citrulline, Cya-Arg, Tyr-homoarginine, Tyr-1-beta-homoarginine, Tyr-Lys, Tyr-Ser, or Tyr-Val <223> <220> <221> <222> **DISULFID** (2)..(8)<223> S-S or S-CH2-S disulfide bridge <220> <221> MISC_FEATURE <222> (2)..(2)Xaa = Cys, homocysteine, or desamino-cysteine; may be D or L form <223> <220> <221> <222> MISC_FEATURE (3)..(3)<223> Xaa = Glu, Gln, Asp, Asn, Ala, Gly, Thr, Ser, Pro, Met, Ile, Val, Arg, His, Tyr, Trp, Phe, Lys, Leu, cysteic acid, or is absent <220> <221> <222> MISC_FEATURE (4)..(4)<223> Xaa = His, modified His, or modified Ala; D or L form <220> <221> MISC_FEATURE <222> (5)..(5)<223> Xaa = Phe, modified Phe, or modified Ala; D or L form <220> <221> MISC_FEATURE <222> (6)..(6)

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Xaa = Arg or modified Arg; D or L form

<223>

<220>

```
X-16438.ST25.txt
<221> MISC_FEATURE
 <222>
         (8)..(8)
 <223>
         Xaa = Cys, homocysteine, or modified cysteine or homocysteine
         (such as amide, alcohol, or penicillamine)
<220>
         MISC_FEATURE
<221>
<222>
         (9)..(9)
         Xaa = Ser-Pro-NH2, Lys-Pro-NH2, Ser-OH, Ser-Pro-OH, Lys-OH, Ser alcohol, Ser-Pro alcohol, Arg-Phe-NH2, Glu-NH2, or is absent
<400>
         199
Xaa Xaa Xaa Xaa Xaa Trp Xaa Xaa
1
<210>
         200
<211>
<21.2>
         PRT
        Artificial
<213>
<220>
<223>
        Synthetic construct
<220>
<221>
<222>
         MISC_FEATURE
         (1)..(1)
        Xaa = Arg, Tyr-Arg, Tyr-beta-Arg, or is absent
<223>
<220>
<221>
        MISC_FEATURE
<222>
         (1)..(1)
<223>
        Xaa = a modified amino acid including Arg, citrulline,
         homoarginine, Leu, Lys, N-isopropyl-Lys, norleucine, ornithine,
        or Val
<220>
<221>
<222>
        MISC_FEATURE
         (1)..(1)
<223>
        Xaa = a modified group including Tyr-Arg, Tyr-citrulline, Cya-Arg, Tyr-homoarginine, Tyr-1-beta-homoarginine, Tyr-Lys,
        Tyr-Ser, or Tyr-Val
<220>
<221>
        DISULFID
<222>
        (2)..(8)
<220>
<221>
        MISC_FEATURE
<222>
        (2)..(2)
<223>
        Xaa = Cys or homocysteine
<220>
<221>
<222>
        MISC_FEATURE
        (3)..(3)
<223>
        Xaa = Glu, Gln, Asp, Asn, Ala, Gly, Thr, Ser, Pro, Met, Ile, Val, Arg, His, Tyr, Trp, Phe, Lys, Leu, cysteic acid, or is absent
<220>
<221>
        MOD_RES
<222>
       (4)..(4)
```

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X-16438.ST25.txt
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 <220>
<221>
<222>
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        (5)..(5)
 <223>
        Phe may be optionally substituted
<220>
<221>
<222>
        MISC_FEATURE
        (8)..(8)
 <223>
        Xaa = Cys, homocysteine, or modified cysteine or homocysteine
        such as amide
<220>
<221>
        MISC_FEATURE
<222>
        (9)..(9)
        Xaa = Ser-Pro-NH2, Lys-Pro-NH2, Ser-OH, Ser-Pro-OH, Lys-OH, Ser
<223>
        alcohol, Ser-Pro alcohol, Arg-Phe-NH2, Glu-NH2, or is absent
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        200
Xaa Xaa Xaa His Phe Arg Trp Xaa Xaa
<210>
        201
<211>
       9
<212>
        PRT
<213>
       Artificial
<220>
<223>
       Synthetic construct
<220>
<221>
<222>
       MISC_FEATURE
        (1)..(1)
<223>
       Xaa = Arg, Tyr-Arg, Tyr-beta-Arg, or is absent
<220>
<221>
<222>
       MISC_FEATURE
        (1)..(1)
<223>
       Xaa = a modified amino acid including Arg, citrulline.
       homoarginine, Leu, Lys, N-isopropyl-Lys, norleucine, ornithine,
       or Val
<220>
<221>
       MISC_FEATURE
<222>
       (1)..(1)
<223>
       Xaa = a modified group including Tyr-Arg, Tyr-citrulline,
       Tyr-homoarginine, Tyr-1-beta-homoarginine, Tyr-Lys, Tyr-Śer, or
       Týr-Val
<220>
<221>
       DISULFID
<222>
       (2)..(8)
<220>
<221>
<222>
       MISC_FEATURE
       (2)..(2)
<223>
       Xaa = Cys or homocysteine
<220>
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X-16438.ST25.txt
<221> MISC_FEATURE <222> (3)..(3)
<222> (3)..(3)
<223> Xaa = Glu, Gln, Asp, Asn, Ala, Gly, Thr, Ser, Pro, Met, Ile, Val,
Arg, His, Tyr, Trp, Phe, or is absent
<220>
<221>
<222>
<223>
         MOD_RES
         (4)..(4)
His may be optionally substituted
<220>
<221>
<222>
<223>
         MOD_RES
         (5)..(5)
Phe may be optionally substituted
<220>
<221>
<222>
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         (8)..(8)
Xaa = Cys, homocysteine, or modified cysteine or homocysteine such as amide
<223>
<220>
<221>
<222>
         MISC_FEATURE
         (9)..(9)
<223>
         Xaa = Ser-Pro-NH2, Lys-Pro-NH2, Ser-OH, Ser-Pro-OH, Lys-Pro-OH,
         Arg-Phe-NH2, Glu-NH2, or is absent
<400>
Xaa Xaa Xaa His Phe Arg Trp Xaa Xaa
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